

ABSTRACT

A system and method for creating and accessing an object in a computer system is disclosed. The computer system including an application and an operating system. The system and method comprises a plurality of application programming interfaces (APIs) calls in the operating system. The plurality of API calls being utilized to obtain and set state information related to the application. The system further comprises a record/playback application on the computer, the record/playback application being capable of generating and reading script based upon the API calls to record actions that represent the operations of the applications and to reply actions that represent operations of the application. A system and method in accordance with the present invention utilizes existing accessibility screen reader technologies in order to create automated script files to launch program events. This can be accomplished by capturing the actions that the user's mouse and keyboard events create during of launching of a program or application including, mouse clicks, commands, pull down menu selections, etc., by utilizing API calls to retrieve state information concerning the program application.